AZURE WELL-ARCHITECTED REVIEW 2-DAY ASSESSMENT

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SOFTSERVE BY THE NUMBERS

10,000+

Associates

38

Offices
around the globe

12

Countries
With SoftServe Clients

77

NPS score
(Q3 2020)

10,000+

Projects
For Customers

6,500+

Software Engineers

1,200+

Cloud experts

92%

Client Return %

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FEATURED CUSTOMERS

SOFTSERVE MICROSOFT PARTNERSHIP

MICROSOFT GOLD PARTNER

- Partner since 2004

MICROSOFT PRACTICE

- 500+ Satisfied Customers
- 1,000+ Delivered Projects
- 1,000+ Microsoft certifications
- 120+ Azure Certified Professionals
- 3 Microsoft MVPs

PROGRAM PARTICIPATION

- PIE / ECIF / Planning Services

GOLD COMPETENCIES

- Application Development
- Application Integration
- Collaboration and Content
- Cloud Platform
- Cloud Productivity
- Data Analytics
- Datacenter
- DevOps

SILVER COMPETENCIES

- Messaging
- Windows and Devices

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SOFTSERVE CTO ORG CENTERS OF EXCELLENCE

RESEARCH & DEVELOPMENT

- R&D Innovation
- Feasibility Study
- R&D as a Service
- Deep Tech Research
- Advanced AI

EXPERIENCE DESIGN

- Design Thinking
- Design Research
- Design Strategy
- Product Design
- Service Design
- Design Ops

SOLUTIONS

- Digital Strategy
- Business Analysis
- Product Management
- Architecture
- Performance Testing

INTELLIGENT ENTERPRISE

- Big Data
- Data Science, AI/ML, MLOps
- IoT
- Robotics
- Extended Reality (AR / VR / MR)
- GDPR
- Blockchain
- Technical Due Diligence

PLATFORMS

- Salesforce
- Sitecore
- MS Dynamics
- AEM
- EPiServer
- MuleSoft
- Magento
- Dell Boomi
- Shopify
- Drupal

CRITICAL SERVICES

- Cloud/DevOps
- Security & Governance
- Operations Support
- Application Support

INNOVATION

- Innovation Strategy
- Innovation Platform

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Microsoft Partner

Gold DevOps
Gold Data Analytics
Gold Application Development
Gold Cloud Platform
Gold Datacenter

Microsoft

CLOUD EXPERTISE HIGHLIGHTS

900+
Cloud-Based Solutions Engagements

1000+
Cloud Experienced Professionals

600+
Engineers with cloud-related certification

100+
Hyper Converged Projects

100+
Data Cloud Experts

100+ BUSINESS ANALYSTS

- Consultants
- Business Analysts
- Usability Experts
- Project Management
- Project Managers

1500+ TECHNOLOGISTS

- Cloud Enterprise Architects
- Data Architects
- QA Engineers
- DevOps
- Technical Support

80+ STRATEGY AND DESIGN

- Digital Strategists
- Subject Matter Expertise
- Program Managers
- Experience Design and Usability
- Visual Designers

10 YEARS

PROVEN DELIVERY OF CLOUD-BASED SOLUTIONS

Gold
Microsoft Partner

Microsoft

ABOUT THE REVIEW

The Azure Well-Architected Review is designed to evaluate your workloads against the latest set of Azure best practices and industry standards. Our experts will go through all five pillars of Azure Well-Architected Framework: Cost Optimization, Operational Excellence, Performance Efficiency, Reliability, Security; will make a trade-off analysis and provide you with a set of actionable recommendations that you can follow to align the workload with your business priorities better.

At the end of the engagement, the customer can expect the following benefits:

• Be well-architected in Azure cloud.

• Understand how to build more resilient, secure, reliable and efficient solutions in the cloud.

• Make better use of existing services.

• Reduce total cost of ownership of IT solutions.

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AGENDA & DELIVERABLES

AGENDA

- An introduction to Azure Well-Architected Framework
- Select solution/workload candidate
- Five 1-hour technical sessions for Framework pillars
- Trade-off analysis and report generation
- Presenting results with recommendations and define next steps

DELIVERABLES

- Architecture Improvements Proposal report – identified key findings, risks
- High-level implementation roadmap to mitigate all key finding and risks
- Understanding of Well-Architecture Framework concepts
- Estimated budget for the next step

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SOFTSERVE's AZURE WELL-ARCHITECTED REVIEW

CONSISTS OF

- **Examining the workload** across the 5 pillars of the Azure Well-Architected Framework (Reliability, Cost Optimization, Security, Operational Excellence, and Performance Efficiency)

- **Providing specific guidance** to improve architecture and overcome detected hurdlers effectively

- **Proactively focusing** on the pillar where more attention is needed

- **Review current architecture** documentation

Microsoft Azure Well-Architected Review

Examine your workload through the lenses of reliability, cost management, operational excellence, security and performance efficiency [20 minutes].

Assessment name *
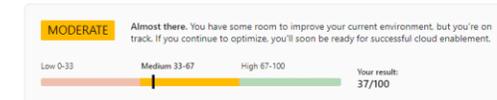
Microsoft Azure Well-Architected Review - workload #1

Choose your interests

☐ **Cost Optimization**

An effective architecture achieves business goals and ROI requirements while keeping costs within the allocated budget.

☐ **Operational Excellence**

To ensure that your application is running effectively over time, consider multiple perspectives, from both an application and infrastructure angles. Your strategy must include the processes that you implement so that your users are getting the right experience.

☐ **Performance Efficiency**

Prioritize scalability as you design and implement phases. Scalability leads to lower maintenance costs, better user experience, and higher agility.

☐ **Reliability**

In a cloud environment you scale out rather than buying higher-end hardware to scale up. While it's always desirable to prevent all failure, focus your efforts in minimizing the effects of a single failing component.

☐ **Security**

Security is one of the most important aspects of any architecture. It provides confidentiality, integrity, and availability
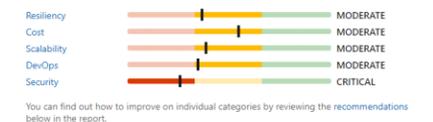
Recommendations for your workload

Actionable items to consider implementing to improve your workload across the five pillars of the Azure Architecture Framework

Your overall results

| MODERATE | **Almost there.** You have some room to improve your current environment, but you're on track. If you continue to optimize, you'll soon be ready for successful cloud enablement. |

Low 0-33   Medium 33-67   High 67-100   Your result: 37/100

Categories that influenced your results

Resiliency	MODERATE
Cost	MODERATE
Scalability	MODERATE
DevOps	MODERATE
Security	CRITICAL

You can find out how to improve on individual categories by reviewing the recommendations below in the report.

Next Steps

Review the 'pillars of a great Azure architecture' learn module

You want to build great things on Azure, but you're not sure exactly what that means. Using key principles throughout your architecture regardless of technology choice, can help you design, build, and continuously...

Visit Microsoft Learn >

Review the Azure Architecture Framework

A successful cloud solution implementations requires focus on these five pillars of architecture excellence: Cost, DevOps, Resiliency, Scalability, and Security.

Visit Azure Architecture Center >

Review the 'how to incorporate security into your architecture design' learn module

Learn how to incorporate security into your architecture design, and discover the tools that Azure provides to help you create a secure environment through all the layers of your architecture.

Launch the design for security >

BEST PRACTICES
TO DRIVE WORKLOAD QUALITY

Cost Optimization

- Azure Hybrid Benefit
- Reserve Instances
- Shutdown
- Resize
- Move to PAAS
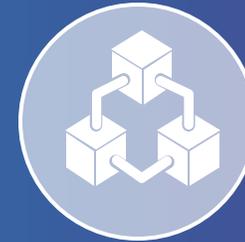
Operational Excellence

- DevOps
- Deployment
- Monitor
- Processes and cadence

Performance Efficiency

- Design for scaling
- Monitor performance

Reliability

- Define requirements
- Test with simulations and forced failovers
- Deploy consistently
- Monitor health
- Respond to failure and disaster

Security

- Identity and access management
- Infra protection
- App security
- Data encryption and sovereignty
- Security operations

https://aka.ms/architecture/framework

REVIEW APPROACH

PREPARATION
1 hour

TECHNICAL INTERVIEWS
1-2 days

REPORTING
1 day

DELIVERY
1 hour

- Introduce the Well-Architected Framework
- Define solution/workload to review
- Prioritize areas

- Conduct five 1-hour technical interviews
- Review architectural documentation

- Analyze trade-offs
- Generate report

- Deliver Architecture Improvements Proposal Report
- Conduct additional feedback session on request

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